

## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claims 1 and 2 without prejudice or disclaimer to their reentry .

Claims 1-3 (Cancelled)

4. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, The method according to anyone of claims 1 and 2 wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual
5. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, The method according to anyone of claims 1 and 2 wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and administering is topical
6. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, The method according to anyone of claims 1 and 2 wherein the amount of adenosine and inorganic

phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.

7. (Currently Amended) The method according to claim 4 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is oral or sublingual.
8. (Currently Amended) The method according to claim 5 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.
9. (Currently Amended) The method according to claim 6 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group of caffeine and theophylline is about 0.1-10 mg/kg of body weight per 24 hours and administering is by injection.
10. (Currently Amended) The method according to anyone of claims ~~1 and 2~~ 4 and 5 wherein caffeine is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
11. (Currently Amended) The method according to anyone of claims ~~1 and 2~~ 4 and 5 wherein theophylline is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
12. (Currently Amended) The method according to claims ~~1 and 2~~ 4 and 5 wherein said adenosine 5'-triphosphate is administered in the form of the disodium salt of adenosine 5'-triphosphate.
13. (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and

inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual.

14. (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and administering is topical.

15 (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.